

This is the SendGrid dashboard

The screenshot shows the SendGrid dashboard for user 'Nehanth KG'. The left sidebar contains navigation links: Dashboard, Email API, Marketing, Design Library, Stats, Activity, Suppressions, Settings, and Twilio SMS. The main content area features a banner asking to unlock the full potential of Twilio SendGrid, followed by a greeting 'Hello Nehanth! Here's your recent email activity.' and a table of email activity statistics.

REQUESTS	DELIVERED	OPENED	CLICKED	BOUNCES	SPAM REPORTS
0	N/A 0	N/A 0	N/A 0	N/A 0	N/A 0

At the bottom left, there is a 'REPUTATION' bar at 100% and a link to 'VIEW ACCOUNT USAGE'.

Go to sender authentication under settings and add a sender

The screenshot shows the 'Single Sender Verification' page under 'Sender Authentication' in the SendGrid settings. The page has a 'Create New Sender' button in the top right. Below the header, there is a table listing senders.

SENDERS	ADDRESS	NICKNAME	VERIFIED	ACTIONS
Nehanth FROM: inventorymanager523@gmail.com REPLY: nehanthkg@gmail.com	Anna University Chennai, 600025 IND	Nehanth		

The left sidebar shows the 'Settings' menu expanded, with sub-items: Account Details, Alert Settings, API Keys, Inbound Parse, and IP Access Management.

ADDRESS

Anna University
Chennai, 600025 IND

Create a Sender

You are required to include your contact information, including a physical mailing address, inside every promotional email you send in order to comply with the anti-spam laws such as [CAN-SPAM](#) and [CASL](#). You'll find [replacement tags](#) for this information in the footer of all the email designs SendGrid provides. [Learn more](#)

From Name • ⓘ

From Email Address • ⓘ

Reply To • ⓘ

Company Address •

Company Address Line 2

City • State
Select State

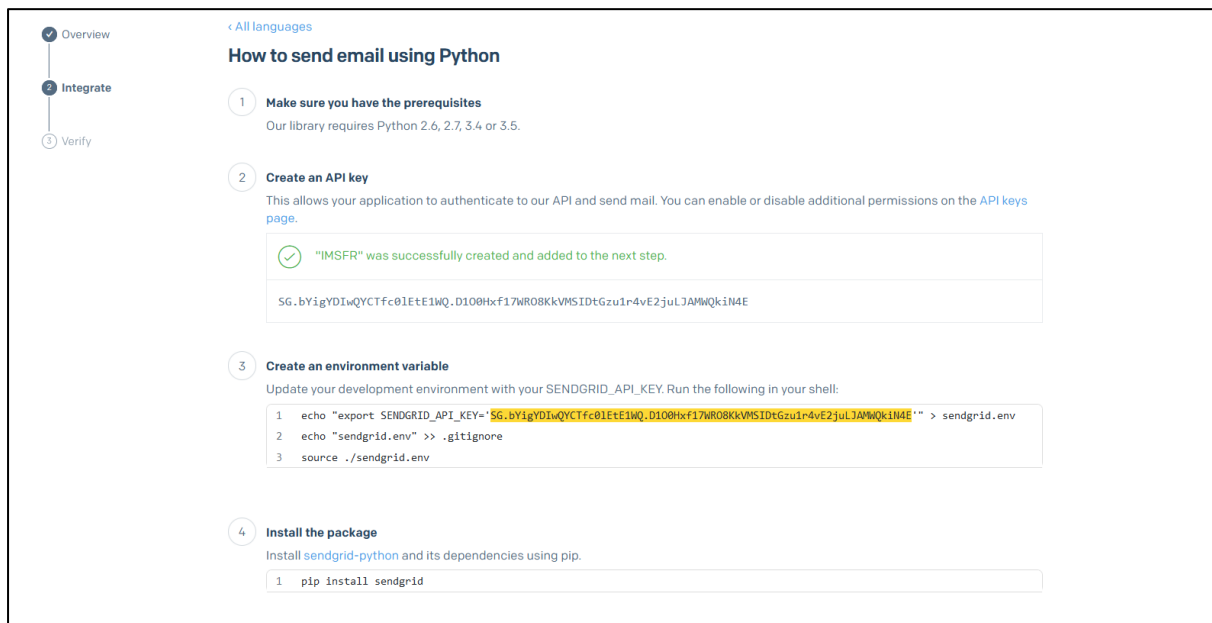
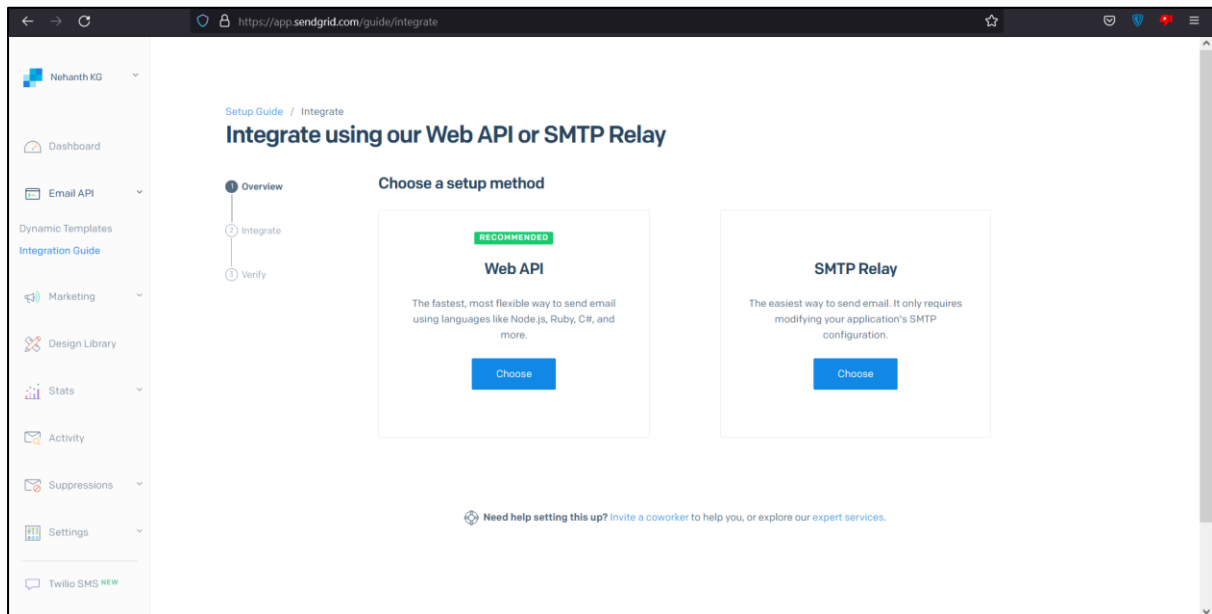
Zip Code Country •
Select Country

Nickname • ⓘ

Cancel

Create

Now, go to integration guide under Email API and follow the steps to integrate the API using the API key



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Send your first email

The following is the minimum needed code to send an email:

```
1 # using SendGrid's Python Library
2 # https://github.com/sendgrid/sendgrid-python
3 import os
4 from sendgrid import SendGridAPIClient
5 from sendgrid.helpers.mail import Mail
6
7 message = Mail(
8     from_email='from_email@example.com',
9     to_emails='to@example.com',
10    subject='Sending with Twilio SendGrid is Fun',
11    html_content='<strong>and easy to do anywhere, even with Python</strong>')
12 try:
13     sg = SendGridAPIClient(os.environ.get('SENDGRID_API_KEY'))
14     response = sg.send(message)
15     print(response.status_code)
16     print(response.body)
17     print(response.headers)
18 except Exception as e:
19     print(e.message)
```